

TABLE 8 Cases With Line Testing Information

County/ City	Leak Source	Tank Age	How Discovered	Date Discovered	Last Piping Test	Result of Piping Test	Time Lapse*	Notes
08 HIOUCHI		U	TC		6/10/87	P		6/10/87 Ainlay test
09 PLACERVILLE	U	19	TC	11/3/95	12/29/94	P	11	12/19/92 Horner tank, Acurite piping. Tanks are manifolded
09 PLACERVILLE	U	13	TC	1/22/96	7/20/94	P	18	7/20/94 UST2000 U&P, 12"/48", 20"/48" - test not valid
10 FRESNO	D	U	TC	12/22/95	3/16/94	P	21	89, 90, 91, 92 P. 3/11/93 two tanks F, 3/25/93 two tanks F, 4/2/93 P Tel-A-Leak.
10 REEDLEY	D	20	PS	10/3/95	10/10/94	P	12	10/23/91 P TEI, 9/10/92 P TEI4000, 10/10/94 P UST2000 tank and CampoMiller

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10 SANGER	D	U	TC	10/20/95	5/5/94	P	17	No ullage test, tanks @ 70"/96" (0.0268 gain) and 73"/96" (0.01229 loss)
10 FRESNO	T	U	SB	12/4/95	3/24/94	P	21	90 P, NDE test method. 93 P TelALeak.
10 FRESNO	D	25	TC	1/19/96	12/10/91	P	49	6/23/88 P petroTite, 12/19/89 P AESII, Tank light to mild rust
10 ORANGE COVE	TD	U	TC	2/2/96	6/1/92	P	44	Holes on bottom of tank. 12/90 MIR summary P
10 FRESNO	S	U		10/30/95	11/16/95	P	-1	11/16/94UST2000 No LLD, aboveground lines. 11/5/91 fail, 11/19/91& 11/26/91 P (NDE VPLT). Leak: AUST spill
15 BAKERSFIELD	P		PT	10/24/95	10/23/95	F	0	Loose union found during annual test (UNL). 10/21/93 tank, pipe, MLD test. Three SIR fails during 94 for each tank (SIRAS). These are attributed to dip stick error. 9/95 and10/95 SIRAS- tight tanks

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15 BAKERSFIELD	DO		TC	9/26/95	2/10/94	P	19	Some excess MIR variations reported. Tanks in good condition. overfill and filter change seem as source.
15 BAKERSFIELD	D		DR	9/21/95	2/13/96	P	-5	TLS 250 & Red jacket PPM 4000 inspected 2/13/96 & 4/13/95, & 7/21/93. Some excess summer variations noted.
15 SHAFTER	U	17	TR	1/26/96	4/6/95	P	9	USTMAN 93 results P with June (1 T) and August (2 Ts) Inconclusives(?). 12/8/93, 2/25/94 Tanknology test pass tank MLD, and lines. 4/17/95 SIR pass
15 TEHACHAPI	U	15	TC	1/5/96	12/20/93	P	25	tanks removed in 11/95. 12/92 annual maintenance check inidcates presence of tank level monitors. 12/20/93 UST 2000P&U pass.
17 KELSEYVILLE	T	36	TC	12/6/95	7/1/94	P	17	2/94, 8/94, 9/94 gains exceeding SIR threshold on one tank were reported "P". SIR method used not reported. 3/31/93 UL Reg Line test , and XLD passed. 7/1/94 both Reg & Sup UL lines and XLDs pass.

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19 INGLEWOOD	TD	29	TC	11/2/95	11/13/94	P	12	Tank removal date 7/11/95. Waste oil and gasoline tanks. No line leak detectors. Woil Leak rate 0.045 gph.
19 SANTA MONICA	U	DW	TC	2/20/96	2/6/95	P	12	550 gallon tank. Manual TG readings from 7/93-8/95, all the before and after reading are exactly the same, recorded to 1/4". Tester found sensor, non-operational. leaky daytank. tester closed valve.
19 OLIVE VIEW	U	U	TT	12/13/95	7/28/95	I	5	Tank removed 11/3/95. Piping test inconclusive because the foot valve not holding pressure.
19 SHERMAN OAKS	P	U	IC	1/3/96	1/3/96	F	0	
19 LOS ANGELES	T	7	AI	1/24/96	10/26/95	P	3	10/26/95 leak detection equipment checked. maintenance work lead to discovery of leak. According to release form, cause was rupture/failure of a fiberglass tank
19 LA MIRADA	U	38 F	SW	10/26/95	11/15/94	P	11	waste oil tank. removed 10/17/95. 12/22/88, 5/6/89, 12/13/89, 10/6/91, 11/9/93 (NDE) tests all pass. leak discovered during line and dispenser replacement. ELLDs present.

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19 SANTA MONICA	U				2/6/95	P		550 gallon diesel tank. Tester did not certify the tank as a DW tank, because there was a common vent line between the tank and annular space.
19 BALDWIN PARK		11			4/24/95	P		No contamination confirmed. 88-92 & 1/30/94 tank /piping//MLD tests, all Pass. All Monitors checked in 94 & 4/24/95
20 CHOWCHILLA	U	U	TC	6/22/95	10/16/92	P	32	one tank failed tightness test)Petrotite) on 2/1/87.Tank was placed under temporary closure on 8/12/87. Tank was tested in 1992 (NDE) and passed. Most of contamination was under the dispenser.
29 GRASS VALLEY	U	U	TT	12/10/95	12/10/95	F	0	6 tanks. 3/14/95 P tank (Ainlay) & lines(?).12/10/95 test: UST2000P pass tanks 1-4, tanks not full; PetroTite line test pass, LD Pass; Horner EZy test 5 &6, 6 fail, Diesel suction line F.
29 TRUCKEE, CA	U	U	UP	1/30/96	4/29/94	P	21	Leak discovered during assessment for TL. 5/95 gain (0.23 gph) reported as pass. 12/95 fail reported for two tanks (MDL, CLR listed as N/A).4/95-5/96 SIRAS. 1/96 data one tank CLR=LTH.

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30 SANTA ANA		12	UP	9/26/95	3/23/95	P	6	Tank, pipe, & LD passed tests 3/95, 5/94 by NDE. 9/3/89 NDE full system passed all tanks. 10/20/89 full system NDE test failed 12K UNL(87) @ 0.1gph. 1/92 TEI test passed all.
30 STANTON		28	TR	11/9/95	3/10/94	P	20	TEI ullage was also conducted on all tanks, vent and vapor lines, all passed. Check valve on tank#2 would not hold, so no test result reported.
30 FULLERTON	U		TC	8/10/95	5/26/95	P	3	Tanks P 7/92,3/93,9/94 test.Sensors failed 3/16/95 certification. Tank Guard sensor monitors Diesel turbine sump. 93 & 95 NDE test P LD and tank and pipe.
30 WESTMINSTER		10	PW	9/12/95	9/29/94	P	12	Leak discovered during piping work. 1/94-12/95 summaries do not report a loss (0.022-0.097gph). 10/94 inconclusive reported as a possible chart error (0.525gph). Same tank6/95 loss of 0.401gph.
30 GARDEN GROVE		27	TR	10/5/95	2/12/95	P	8	Red Jacket DLD & XLD tested and pass (2/12//95).
30 SANTA ANA		17	WS	6/2/95	6/24/92	p	36	Leak discovered by water samples. 2/90 petrotite test pass.

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30 COSTA MESA		10+	TC	10/25/95	1/13/95	P	9	SIR International: 1/94-12/94 no loss reported (0.038-.097gph), some Incon on different tanks (.286-.528). 95 results no loss (.033-.17). 1 Manifold: no data 11/95,12/95. 8/95 significant loss(0.486)
30 LA HABRA		13	TR	11/28/95	6/28/95	P	5	
30 COSTA MESA		10+	TR	12/6/95	5/9/94	P	19	
30 SANTA ANA			TT		6/22/95	F		6/22/95 three tanks passed but one of the 550 gal oil tanks failed the system test and line test. Tank was taken out of service and Avis requested a temporary closure permit.
30 FULLERTON	P		LD	2/17/96	5/19/95	P	9	Leak discovered (in turbine flex connector) by MLD going into slow flow and inventory loss of 3000 gallons. ELD was apparently disabled. 5/92-6/96 annual tank tests all pass.
30 WESTMINSTER		10	PM	1/30/96	5/1/96	P	-4	1/94-12/95 SIR results report no loss (.031-.147 gph). Leak discovered during pipeline modification.

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41 SAN MATEO	U	U	TC	11/9/95	6/28/94	P	17	tanks have been tested tight since 1986. 3 tanks on site. Tests: 87 Leak Lokator, 88 AESII, 88 VPLT, 89 & 90 PetroTite?, 91 AES, 93 NDE.
43 CAMPBELL	U	U	TC		5/27/93	P		No signs of leak or holes were found on the tank. No leak rate reported for line test, "INC" included in that information area.
54 DINUBA	P	U	PS	2/5/96	12/16/95	P	2	1/18/95 UST2000P&U test pass all three tanks (product level 56, 65, 57 for 74"D tank), piping test PL400 pass. 12/16/95 product level (69/75, 69/96, 56/75). Same tanks different diameters.
54 WOODLAKE	U	U	PS	9/20/95		P		4/12/96 agency notification letter to tank owner to appear for failure to test tanks. 2/27/93 line test is questionable, tanks pass, no ullage test. 2/94 test product level 31/48"
54 TRAVER	U	13	PS	10/4/95	8/22/95	P	2	Previously undisclosed additional UST discovered during property transaction assessment. Tanks @ 71/96, 73/96, 73/96".

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54 VISALIA	U	17	TC	10/6/95	9/16/93	P	25	No pipeline leak detectors. 9/16/93 tests pass
54 PIXELY	P	U	TC	10/13/95	12/15/94	P	10	12/94 tests product levels: 71/96, 70/96, 68/95. one of the lines pass @ - .0405gph. 2/6/94 test tank @ 61, 64, 72/96", all pass.

46 - Total cases with piping test results	Average time, in months, between last piping test and leak discovery	13.3
	Number of cases where piping discovered the leak:	1
	Number of cases with piping as the leak source:	5